Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 09 Oct 2023 until 23:59 on Tuesday 10 Oct 2023

Forecast Issued on Monday 09 Oct 2023 at 03:56

Confidence: High for mainly cloudy with occasional rain through the period, but lowering for detail of timing of the brief spells of better weather that develop.

Headline for Monday 09 Oct 2023: Some patchy rain. Rather cloudy, with best chance of limited brightness in east. Winds relatively light.

Mountain weather hazards on Monday 09 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Fog	Mist	Cloudy	Sunny intervals	Cloudy	Mist
Precipitation probability					
20%	20%	20%	10%	20%	10%

Forecast for Monday 09 Oct 2023

Weather: Rather cloudy day with some patchy rain developing, this being mainly focused in the west of the Park. Most in east will be dry with some limited brighter spells breaking through during the afternoon.

Chance of cloud-free hill tops above 600m: In west 10-20% in east 40% becoming 70% for the afternoon

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases extensive in west from 500m less so in the east, particularly in the afternoon as bases lift and potentially break

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 09 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/19 SW	15/19 W	16/21 W	14/18 SW	11/16 SW	15/20 SW	18/24 SW
300	3/15 SW	4/12 SW	8/14 SW	7/14 W	3/11 SW	4/12 SW	5/15 SW
Valley	1/9 SW	4/10 SW	6/11 SW	4/9 SW	2/7 SW	2/8 SW	3/10 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/10	13/10	14/11	14/11	14/12	13/10	12/9
300	14/14	14/14	15/14	16/15	14/14	14/13	13/13
Valley	14/15	15/16	16/16	16/17	15/15	14/14	14/14
Freezing Level*	3100m	3300m	3300m	3200m	3200m	3200m	3300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best chance of fair conditions in east.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 09 Oct 2023	0mm	0mm	35.8mm

Forecast for Tuesday 10 Oct 2023

Weather: Possible cloudy start with chance of some patchy light rain. Turning dry with brighter spells through the morning. Cloud thickening through the afternoon bringing increasing chance of some rain by evening. Possibly wet end to the day with strong winds developing across summits.

Maximum wind: West or Southwest 20-25 mph with gusts reaching 40 mph across most exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 10% in west, 30% in east

Low Cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases extensive from 500m, with patches below in the west, but occasionally lifting in the east

Temperature: **Valleys:** Plus 10 Celsius increasing 18 Celsius for the afternoon
At 600m: Plus 11-13 Celsius
Freezing level: Above all summits

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